



TENNESSEE DEPARTMENT OF
EDUCATION
DIVISION OF CAREER AND TECHNICAL EDUCATION

Resource List – Manufacturing

Resource	Author / Publisher	Location	Notes
National Center for Manufacturing Education	Sinclair Community College, National Science Foundation, Advanced Technological Education (ATE) Centers	http://www.ncmeresource.org/ncme_site_s.php	Information for workshop opportunities for faculty and professional development. Lists manufacturing education resources and sites.
Manufacturing & Engineering Technologies Education Clearinghouse (METEC)	National Center for Manufacturing Education	http://meteconline.org/	Clearinghouse of manufacturing and engineering technologies education classroom materials, events, videos, links and more.
Society of Manufacturing Engineers	Society of Manufacturing Engineers	www.sme.org	A source of events, training and development, education and careers, knowledge, and publications, all related to manufacturing.
Siemens Mechatronics Systems Certification	Siemens	http://www.siemens-certifications.com/content/0/6/7/5903/	Provides information related to mechatronics such as the teaching and learning model “Systems Approach” and videos for mechatronic systems training.

SME Manufacturing Knowledge Base Wiki	Society of Manufacturing Engineers	http://www.sme.org/mfgknowledgebase/	Provides a conduit to participate in content development that is relevant to the manufacturing industry. Moreover, it connects manufacturing content experts to share, discuss, and contribute knowledge.
SME Education Foundation	Society of Manufacturing Engineers	www.smeef.org	Provides outreach programs to enrich students to study STEM in preparation for careers in advanced manufacturing. Programs include: PRIME, National Robotics Challenge, Shop Rate Foundation, The Edge Factor, and the Tradesmen: Making an Art of Work.
ToolingU	Society of Manufacturing Engineers	www.toolingu.com	Provides sources such as curriculum, online classes, assessments, certifications, digital books and videos.
Manufacturing is Cool	Society of Manufacturing Engineers	www.manufacturingisCool.com	A good source for secondary students to learn about manufacturing engineering careers, summer programs, and how to prepare for careers in manufacturing.
mycareerme	Society of Manufacturing Engineers Education Foundation, National Science Foundation, National Center for Manufacturing Education	www.CareerME.org	A social networking site where advanced manufacturing students, teachers, and industry professionals can connect and collaborate

National Council for Advanced Manufacturing	National Council for Advanced Manufacturing (NACFAM)	http://www.nacfam.org/	A source for information related to sustainable manufacturing, workforce development, technology & innovation, as well as NACFAM news and events.
Manufacturing Institute	Manufacturing Institute and National Association of Manufacturers	http://www.themanufacturinginstitute.org/	A source for facts and reports regarding manufacturing. For example, skills gap data in manufacturing and the Public Perception of Manufacturing report.
National Association of Manufacturers	National Association of Manufacturers (NAM)	http://www.nam.org/	A source for statistics and data, “Cool Stuff Being Made” video series, news, publications, speeches, and presentations.
Lean Education Academic Network	Ohio State University Fisher College of Business	http://teachinglean.org/	Contributors share resources for teaching LEAN, as well as insights related to lean thinking and helping introduce these concepts to the classroom.